



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

**IMPORTANT INFORMATION**

JAMES H. TROGDON, III  
SECRETARY

TO WHOM IT MAY CONCERN:

InfoTech (developers of Expedite and Bid Express) are replacing Expedite with Project Bids. NCDOT is currently testing the new software. We do not anticipate any issues and expect a seamless transition for contractors.

The new software requires the need for a new Digital ID. Bid Express will reimburse you for the fee, if you have an existing NCDOT or NCDOT – Divisions Digital ID.

What this means for you:

- Project Bids site and software available for Central – Dec 18, 2018
  - Download new Project Bids software
  - Create new Digital ID and request to be able to bid with NCDOT. You will only be using Project Bids and the new Digital ID to bid Central projects (Contract numbers that begin with C).
  - User guides and instructional videos are available in the Bid Express Training Center. Links for this information have also been provided in an email from Bid Express.
- NCDOT Central Highway Letting – Jan 15, 2019
  - Bid with Expedite and old Digital ID
- NCDOT Central Highway Letting – Feb 19, 2019
  - Bid with Project Bids and new Digital ID
- **Project Bids site and software available for Division April 19, 2019**
  - **Download new Project Bids software, if you have not already done so.**
  - **Create new Digital ID and request to be able to bid with NCDOT – Divisions.**
  - **If you already have a Digital ID, request to bid with NCDOT – Divisions.**
- **Last Division Letting Using Expedite – June 2, 2019**
- **First Division Letting Using Project Bids – June 3, 2019**



Please let us know if you have any questions and remember that we are always available to help by phone or email. Specific questions can be directed to Jaci Kincaid at [jakincaid@ncdot.gov](mailto:jakincaid@ncdot.gov) or 919-707-6920.

Ronald E. Davenport, Jr., PE  
State Contract Engineer  
RED/jak



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

February 20, 2018

NOTICE TO: All Prequalified Contractors

FROM: Ronald E Davenport, PE  
State Contract Officer

DocuSigned by:  
*Ronald E. Davenport, Jr.*  
F81B6038A47A442...

SUBJECT: Combined Contract Goal for MBE/WBE Participation on State-Funded Projects

Effective April 1, 2018, all state funded contracts will be advertised with one combined goal that is comprised of both the MBE and WBE participation anticipated for the project. The **Combined MBE/WBE Goal** may be met with all MBE or WBE participation, or any combination of MBE and WBE participation.

When entering this information in Expedite Bid, users will not see the words "Combined MBE/WBE" in which to enter their participation value, but will enter the value under "DBE".

For assistance in participation entry in Expedite, please contact Ms. Jaci Kincaid at 919-707-6920 or jakincaid@ncdot.gov.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION UNIT  
1543 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1543

*Telephone:* (919) 707-2400  
*Fax:* (919) 733-8441  
*Customer Service:* 1-877-368-4968

*Website:* www.ncdot.gov

*Location:*  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601



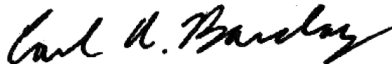
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
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JAMES H. TROGDON, III  
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE   
State Utilities Manager

SUBJECT: Design and Certification of Trenchless Installations (all methods)

Through the AGC/NCDOT Roadway Subcommittee, it has been determined there is little consistency with the enforcement of this requirement. This has resulted in some Contractors not accounting for this expense in their bid. In an effort to improve consistency and fairness among bidders, the Department will enforce this longstanding requirement of the North Carolina Board of Examiners for Engineers and Land Surveyors and NC GS Chapter 89C.

Effective with the January 2018 letting, there will be a renewed effort of enforcement of Articles 1550-1 and 1550-3(B) of the *Standard Specifications for Roads and Structures*, Section 1550-1 requires:

An engineer licensed by the State of North Carolina shall design the method and certify the work will not damage the roadway above or endanger the roadway user.

Article 1550-3(B) requires:

Before construction, provide detailed plans for the method of installation certified by an engineer licensed by the State of North Carolina. Provide certified calculations demonstrating the method of installation as safe and of minimal risk. Provide certified calculations of the structural adequacy of all materials. The design shall meet AASHTO LRFD Bridge Design Specifications. An engineer licensed by the State of North Carolina shall certify changes or modifications to the designed method as needed for actual field conditions.

If you have any questions, please do not hesitate to contact me at [cbarclay@ncdot.gov](mailto:cbarclay@ncdot.gov) or (919) 707-6982.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
UTILITIES UNIT  
1555 MAIL SERVICE CENTER  
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690  
FAX: 919-250-4151  
CUSTOMER SERVICE: 1-877-368-4968

WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON NOVEMBER 19, 2019** . NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.
2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.
3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE <https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7.25% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "**N.C. DEPARTMENT OF TRANSPORTATION**".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS OCTOBER 22, 2019.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 15 Aug 2019)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Ronald L Keeter, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Brandon H Jones, PE	121 DOT DRIVE	CARTHAGE	(910) 773-8000
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	J. Scott Cole, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Mark T Gibbs, PE	PO BOX 3279	ASHEVILLE	(828) 250-3000
00014	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

**Bid Letting Number** L191119

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204351	50118.3.GV1	WAKE	0.798 MI	GRADING, DRAINAGE, PAVING, ITS, AND STRUCTURES.
*002	C204513	40.1.4	WAKE, DURHAM	0.000 MI	STAIN REMOVAL AND ANTI-GRAFFITI PAINTING.
003	C204360	32574.3.8	CLAY	3.801 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

\* NOTE: RPN 002 C204513 WAKE, DURHAM HAS A MANDATORY PRE-BID CONFERENCE ON NOVEMBER 4, 2019 AT 1:00 PM.  
DOT STRUCTURES MANAGMENT CONFERENCE ROOM C  
CENTURY CENTER (BLDG. A, COLUMN C4)  
1000 BIRCH RIDGE DRIVE  
RALEIGH, NC 27610  
ALAN SHAPIRO  
919-825-2638

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L191119 001

CONTRACT ID : C204351 50118.3.GV1

DIV OFFICE DURHAM

LENGTH = 0.798 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, ITS, AND STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : FEB 11 2024

I-40 AND SR-3015 (AIRPORT BLVD) INTERCHANGE AND I-40 WESTBOUND FROM SR-3015 (AIRPORT BLVD) TO I-540.

ROADWAY ITEMS					
			6	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")
Lump Sum	LS	MOBILIZATION	188	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM UTILITY COORDINATOR	144	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.688")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	160	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.844")
126,500	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (44+35.96 -L- LT)	188	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (44+35.96 -L- RT)	144	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")
2,050	CY	UNDERCUT EXCAVATION	160	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.844")
43,000	CY	BORROW EXCAVATION			
540	CY	DRAINAGE DITCH EXCAVATION			
1,000	LF	BERM DITCH CONSTRUCTION	4,613	LF	PIPE REMOVAL
49,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	10	EA	PIPE CLEAN OUT
20	HR	PROOF ROLLING	14,000	SY	FINE GRADING
1,250	CY	SELECT GRANULAR MATERIAL			
5,750	SY	GEOTEXTILE FOR SOIL STABILIZATION	170	TON	LIME TREATED SOIL (SLURRY METHOD)
2,650	SF	TEMPORARY SHORING	1,500	CY	LIME FOR LIME TREATED SOIL
530	SY	ROCK PLATING	4,960	TON	SHALLOW UNDERCUT
540	CY	GENERIC GRADING ITEM STOCKPILING AND TESTING ONLY OF PCB CONTAMINATED SOIL	250	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	33,000	TON	STABILIZER AGGREGATE
810	TON	GENERIC GRADING ITEM STOCKPILING, TESTING, HAULING, AND DISPOSAL OF PCB CONTAMINATED SOIL	14,778	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
1,870	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	33,000	TON	AGGREGATE BASE COURSE
6,406	SY	FOUNDATION CONDITIONING GEOTEXTILE	14,000	SY	SOIL CEMENT BASE
376	LF	15" DRAINAGE PIPE	392	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
1,688	LF	18" DRAINAGE PIPE	4,200	GAL	ASPHALT CURING SEAL
124	LF	24" DRAINAGE PIPE	200	TON	INCIDENTAL STONE BASE
924	LF	30" DRAINAGE PIPE	450	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
28	LF	36" DRAINAGE PIPE			
8	LF	42" DRAINAGE PIPE			
184	LF	15" RC PIPE CULVERTS, CLASS III	88,850	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-3/4")
320	LF	18" RC PIPE CULVERTS, CLASS III	4,000	SY	INCIDENTAL MILLING
68	LF	24" RC PIPE CULVERTS, CLASS III	18,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
152	LF	30" RC PIPE CULVERTS, CLASS III	20,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
312	LF	36" RC PIPE CULVERTS, CLASS III	2,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
16	LF	60" RC PIPE CULVERTS, CLASS III	11,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,156	LF	15" RC PIPE CULVERTS, CLASS IV	18,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
3,336	LF	18" RC PIPE CULVERTS, CLASS IV	4,630	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
388	LF	24" RC PIPE CULVERTS, CLASS IV	2,990	TON	ASPHALT BINDER FOR PLANT MIX
500	LF	30" RC PIPE CULVERTS, CLASS IV	1,080	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
392	LF	36" RC PIPE CULVERTS, CLASS IV	540	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
48	LF	42" RC PIPE CULVERTS, CLASS IV	25,400	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
240	LF	15" CS PIPE CULVERTS, 0.064" THICK	22	EA	RIGHT-OF-WAY MARKERS
584	LF	18" CS PIPE CULVERTS, 0.064" THICK	6	EA	CONTROL-OF-ACCESS MARKERS
180	LF	24" CS PIPE CULVERTS, 0.064" THICK	224	CY	SUBDRAIN EXCAVATION
10	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
22	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	168	CY	SUBDRAIN COARSE AGGREGATE
			1,000	LF	6" PERFORATED SUBDRAIN PIPE
			2	EA	SUBDRAIN PIPE OUTLET
			12	LF	6" OUTLET PIPE
			10	TON	BLOTTING SAND
			15.9	CY	ENDWALLS
			5.6	CY	REINFORCED ENDWALLS
			3.7	CY	PIPE COLLARS
			97	CY	FLOWABLE FILL
			173	EA	MASONRY DRAINAGE STRUCTURES



			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (42+36 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (43+00 -Y-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (46+13 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+48 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+80 -Y-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (54+41 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (70+00 -Y-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (86+00 -Y-)
			10	EA	SIGN ERECTION, TYPE D
			84	EA	SIGN ERECTION, TYPE E
			5	EA	SIGN ERECTION, TYPE F
			33	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
			9	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
			14	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			1	EA	SIGN ERECTION, MILEMARKERS
			5	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
			2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)
			6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
			6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)
			56	EA	SIGN ERECTION, LOGO TO PANEL
			1	EA	DISPOSAL OF SUPPORT, STEEL BEAM
			8	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
			1	EA	STOCKPILE SIGN SYSTEM, STEEL BEAM
			16	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			61	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			12	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			7	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
			1	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)
			49	EA	GENERIC SIGNING ITEM SIGN ERECTION, LOGO MILEAGE PANEL TO SIGN
			1,479	SF	WORK ZONE SIGNS (STATIONARY)
			2,600	SF	WORK ZONE SIGNS (PORTABLE)
			560	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			11	EA	FLASHING ARROW BOARD
			20	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			7	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
			850	EA	DRUMS
			120	EA	SEQUENTIAL FLASHING WARNING LIGHTS
			320	LF	BARRICADES (TYPE III)
			228	LF	PEDESTRIAN CHANNELIZING DEVICES
			400	DAY	FLAGGER
			7	EA	TEMPORARY CRASH CUSHIONS
			8	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
			11	EA	TMA
			6,020	LF	PORTABLE CONCRETE BARRIER
			6,020	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			4,860	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER
4.5	CY	MASONRY DRAINAGE STRUCTURES			
125.5	LF	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH GRATE, STD 840.22			
11	EA	FRAME WITH TWO GRATES, STD 840.16			
33	EA	FRAME WITH TWO GRATES, STD 840.20			
32	EA	FRAME WITH TWO GRATES, STD 840.22			
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
41	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
40	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
15	EA	FRAME WITH COVER, STD 840.54			
9	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN			
2	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
Lump Sum	LS	GENERIC DRAINAGE ITEM FILTRATION BASIN			
5,500	LF	1'-6" CONCRETE CURB & GUTTER			
12,900	LF	2'-6" CONCRETE CURB & GUTTER			
6,100	LF	SHOULDER BERM GUTTER			
5,500	SY	4" CONCRETE SIDEWALK			
31	EA	CONCRETE CURB RAMPS			
11	SY	4" CONCRETE PAVED DITCH			
1,110	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
400	LF	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION			
1	EA	ADJUSTMENT OF CATCH BASINS			
3	EA	ADJUSTMENT OF MANHOLES			
3	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX			
3	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET			
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX			
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3			
11,300	LF	STEEL BEAM GUARDRAIL			
650	LF	STEEL BEAM GUARDRAIL, SHOP CURVED			
20	EA	ADDITIONAL GUARDRAIL POSTS			
2	EA	GUARDRAIL END UNITS, TYPE AT-1			
8	EA	GUARDRAIL END UNITS, TYPE CAT-1			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
13	EA	GUARDRAIL END UNITS, TYPE TL-3			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
13,900	LF	REMOVE EXISTING GUARDRAIL			
2,100	LF	WOVEN WIRE FENCE, 47" FABRIC			
120	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
60	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
735	TON	RIP RAP, CLASS I			
706	TON	RIP RAP, CLASS II			
772	TON	RIP RAP, CLASS B			
3,988	SY	GEOTEXTILE FOR DRAINAGE			
9	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
3	CY	PLAIN CONCRETE SIGN FOUNDATIONS			
285	CY	OVERHEAD FOOTING			
4,141	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
6,475	LB	SUPPORTS, SIMPLE STEEL BEAM			
1,483	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
1	EA	SUPPORTS, 2-LB STEEL U-CHANNEL			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (112+38 -Y-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+90 -RPC-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+30 -RPA-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+50 -Y-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (37+72 -L-)			

			13	EA	STANDARD FOUNDATION ***** (R1)	
			2	EA	STANDARD FOUNDATION ***** (R2)	
4,860	LF	REMOVE & RESET PORTABLE CONC- RETE BARRIER (ANCHORED)		1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)
553	LF	WATER FILLED BARRIER		25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
77	LF	REMOVE & RESET WATER FILLED BA RRIER		590	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
160	HR	LAW ENFORCEMENT		385	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
40	EA	TUBULAR MARKERS (FIXED)		450	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
18	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE		470	LF	** #6 W/G FEEDER CIRCUIT (2)
2,250	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)		540	LF	** #4 W/G FEEDER CIRCUIT (2)
7,000	EA	TEMPORARY RAISED PAVEMENT MARKERS		530	LF	** #2 W/G FEEDER CIRCUIT (2)
16,632	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		4,310	LF	** #6 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
43,453	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)		6,580	LF	** #4 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
4,422	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		2,130	LF	** #2 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
7,768	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)		1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)
94	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)		6	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)
249	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		2	EA	ELECTRICAL JUNCTION BOXES ***** (HM30)
1,679	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)		17	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
2,700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)		5	EA	ELECTRICAL JUNCTION BOXES ***** (IG30)
3,500	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)		15	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)
89	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)		8	EA	UNDERPASS LUMINARIES ***** (WM)
100	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)		Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (I-40/AIRPORT BLVD INTER- CHANGE)
8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)		24	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT LUMINAIRE - LED
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)		24	EA	GENERIC LIGHTING ITEM 80' HIGH MOUNT LUMINAIRE - LED
144,280	LF	PAINT PAVEMENT MARKING LINES (4")		1	EA	GENERIC LIGHTING ITEM COMMUNICATION GATEWAY
5,170	LF	PAINT PAVEMENT MARKING LINES (8")		64	EA	GENERIC LIGHTING ITEM CONTROL NODE
1,370	LF	PAINT PAVEMENT MARKING LINES (12")		1	EA	GENERIC LIGHTING ITEM LIGHTING CONTROL SYSTEM
5,490	LF	PAINT PAVEMENT MARKING LINES (24")		1	EA	GENERIC LIGHTING ITEM REMOVE RDU HIGH MOUNT STANDARD
28	EA	PAINT PAVEMENT MARKING CHARAC- TER		1	EA	GENERIC LIGHTING ITEM REPLACE RDU HIGH MOUNT STAND- ARD
380	EA	PAINT PAVEMENT MARKING SYMBOL		15	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMIN- AIRE - 285W LED
98,150	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"		140	LF	8" WATER LINE
9,880	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"		3,058	LF	16" WATER LINE
73,490	LF	REMOVAL OF PAVEMENT MARKING LINES (4")		15,316	LB	DUCTILE IRON WATER PIPE FITTINGS
46,075	LF	REMOVAL OF PAVEMENT MARKING LINES (6")		1	EA	6" VALVE
2,635	LF	REMOVAL OF PAVEMENT MARKING LINES (8")		3	EA	8" VALVE
5,625	LF	REMOVAL OF PAVEMENT MARKING LINES (12")		5	EA	16" VALVE
2,800	LF	REMOVAL OF PAVEMENT MARKING LINES (24")		2	EA	8" TAPPING SLEEVE & VALVE
244	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS		1	EA	2" AIR RELEASE VALVE
2,492	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)		3	EA	RECONNECT WATER METER
487	EA	PERMANENT RAISED PAVEMENT MARKERS		2	EA	RELOCATE FIRE HYDRANT
676	EA	SNOWPLOWABLE PAVEMENT MARKERS		15	LF	FIRE HYDRANT LEG
38	EA	FLEXIBLE DELINEATORS (CRYSTAL)		362	LF	8" FORCE MAIN SEWER
28	EA	FLEXIBLE DELINEATORS (YELLOW)		595	LF	ABANDON 8" UTILITY PIPE
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)		339	LF	ABANDON 12" UTILITY PIPE
16	EA	FLEXIBLE DELINEATORS (YELLOW & RED)		1,974	LF	ABANDON 16" UTILITY PIPE
3	EA	80' HIGH MOUNT STANDARD		1	EA	REMOVE WATER METER
4	EA	100' HIGH MOUNT STANDARD		210	LF	16" ENCASUREMENT PIPE
2	EA	PORTABLE DRIVE UNIT		265	LF	24" ENCASUREMENT PIPE
49	CY	HIGH MOUNT FOUNDATIONS		525	LF	36" ENCASUREMENT PIPE
15	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)				

350	LF	BORE AND JACK OF *** (36")
2	EA	GENERIC UTILITY ITEM 8" INSERTION VALVE
1	EA	GENERIC UTILITY ITEM RECONNECT 6" WATER LINE
2	EA	GENERIC UTILITY ITEM REMOVE BLACKFLOW PREVENTER
8	EA	GENERIC UTILITY ITEM THRUST COLLAR
10	LF	GENERIC UTILITY ITEM CONCRETE PROTECTION ON WATER MAIN
46,245	LF	TEMPORARY SILT FENCE
255	TON	STONE FOR EROSION CONTROL, CLASS A
3,645	TON	STONE FOR EROSION CONTROL, CLASS B
3,655	TON	SEDIMENT CONTROL STONE
9.5	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
4	TON	FERTILIZER FOR TEMPORARY SEED- ING
1,795	LF	TEMPORARY SLOPE DRAINS
3,000	LF	SAFETY FENCE
4,900	CY	SILT EXCAVATION
101,685	SY	MATting FOR EROSION CONTROL
100	SY	COIR FIBER MAT
10,530	LF	1/4" HARDWARE CLOTH
65	LF	*** TEMPORARY PIPE (42")
500	LF	*** TEMPORARY PIPE (48")
10	EA	SPECIAL STILLING BASINS
90	LB	POLYACRYLAMIDE (PAM)
1,155	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (2-1/2")
21	ACR	SEEDING & MULCHING
12	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
475	LB	SEED FOR SUPPLEMENTAL SEEDING
14	TON	FERTILIZER TOPDRESSING
830	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
4	EA	CONCRETE WASHOUT STRUCTURE
2	ACR	REFORESTATION
25	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
20,050	LF	SIGNAL CABLE
91	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
12	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
6	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
3,800	LF	MESSENGER CABLE (1/4")
3,175	LF	MESSENGER CABLE (3/8")
13,100	LF	TRACER WIRE
2,950	LF	UNPAVED TRENCHING (***** (1, 2")
8,000	LF	UNPAVED TRENCHING (***** (2, 2")
1,075	LF	DIRECTIONAL DRILL (***** (1, 2")
2,975	LF	DIRECTIONAL DRILL (***** (2, 2")
41	EA	JUNCTION BOX (STANDARD SIZE)
34	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
13	EA	WOOD POLE
35	EA	GUY ASSEMBLY
4	EA	1/2" RISER WITH WEATHERHEAD
4	EA	1" RISER WITH WEATHERHEAD
6	EA	2" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH HEAT SHRINK TUBING
6,150	LF	INDUCTIVE LOOP SAWCUT
25,825	LF	LEAD-IN CABLE (***** (14-2)
5	EA	SITE SURVEY
20	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
5	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT
17	EA	RELOCATE CAMERA SENSOR UNIT

3,400	LF	COMMUNICATIONS CABLE (**FIBER) (12)
8,525	LF	COMMUNICATIONS CABLE (**FIBER) (144)
11,925	LF	COMMUNICATIONS CABLE (**FIBER) (24)
4,325	LF	DROP CABLE
8	EA	SPLICE ENCLOSURE
5	EA	INTERCONNECT CENTER
33	EA	DELINEATOR MARKER
5	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO
20,950	LF	REMOVE EXISTING COMMUNICATIONS CABLE
4	EA	METAL STRAIN SIGNAL POLE
5	EA	METAL POLE WITH SINGLE MAST ARM
2	EA	METAL POLE WITH DUAL MAST ARM
12	EA	SOIL TEST
72	CY	DRILLED PIER FOUNDATION
7	EA	MAST ARM WITH METAL POLE DE- SIGN
43	EA	SIGN FOR SIGNALS
3	EA	TYPE I POST WITH FOUNDATION
16	EA	TYPE II PEDESTAL WITH FOUND- ATION
4	EA	SIGNAL CABINET FOUNDATION
26	EA	DETECTOR CARD (NEMA TS-2)
2	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
1	EA	GENERIC SIGNAL ITEM CCTV EQUIPMENT CABINET
1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE (40')
1	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
4	EA	GENERIC SIGNAL ITEM CONTRLER W/CABINET NEMA TS-2, TYPE 2070E CONTRLER, TYPE 1 CABINET BASE MOUNT
1	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
1	EA	GENERIC SIGNAL ITEM GROUNDING SYSTEM
1	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINA- TION PANEL
150	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCT- ORS
375	LF	GENERIC SIGNAL ITEM ETHERNET CABLE

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (29+90.00-Y3-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (33+31.33-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (53+39.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (86+76.00-Y-)
519	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,039.8	CY	CLASS A CONCRETE (CULVERT)
113,023	LB	REINFORCING STEEL (CULVERT)

**STRUCTURE ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (44+35.96 -L- RT)
Lump Sum	LS	ASBESTOS ASSESSMENT
41	LF	PILE EXCAVATION IN SOIL
9	LF	PILE EXCAVATION NOT IN SOIL
78	LF	4'-0" DIA DRILLED PIERS IN SOIL
90	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
2	EA	SID INSPECTIONS
6	EA	SPT TESTING
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (44+35.96 -L- RT)
34,860	SF	REINFORCED CONCRETE DECK SLAB
36,152	SF	GROOVING BRIDGE FLOORS

596.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+35.96 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+35.96 -L- RT)
106,041	LB	REINFORCING STEEL (BRIDGE)
7,597	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,734,220	LS	APPROX ..... LBS STRUCTURAL STEEL
20	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
317.8	LF	HP12X53 STEEL PILES
20	EA	STEEL PILE POINTS
909.72	LF	CONCRETE BARRIER RAIL
706.7	LF	VERTICAL CONCRETE BARRIER RAIL
1,350	SY	4" SLOPE PROTECTION
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L191119 002

CONTRACT ID : C204513 40.1.4

DIV OFFICE DURHAM

LENGTH = 0.000 MI

COUNTY : WAKE, DURHAM

STAIN REMOVAL AND ANTI-GRAFFITI PAINTING.

DBE GOAL % COMPLETION DATE : MAY 30 2021

I-540 AND NC-147 (TRIANGLE EXPRESSWAY) FROM I-40 TO NC-55 BYPASS IN HOLLY SPRINGS.

ROADWAY ITEMS

				Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1308
Lump Sum	LS	MOBILIZATION		Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1311
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL		Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 300
Lump Sum	LS	PORTABLE LIGHTING		Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 587
1,000	SY	MATTING FOR EROSION CONTROL		Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 588
200	LF	COIR FIBER WATTLE		Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 589
2	ACR	SEEDING & MULCHING		15,466	LF	GENERIC STRUCTURE ITEM CONCRETE BARRIER ANTI-GRAFFITI COATING APPLICATION
30	EA	RESPONSE FOR EROSION CONTROL		15,466	LF	GENERIC STRUCTURE ITEM CONCRETE BARRIER STAIN REMOVAL
50	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE		190	EA	GENERIC STRUCTURE ITEM AESTHETIC SIGN COLUMN ANTI-GRAFFITI COATING APPLICATION
50	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT		190	EA	GENERIC STRUCTURE ITEM AESTHETIC SIGN COLUMN STAIN REMOVAL
1,783	LF	EPOXY RESIN INJECTION				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1277				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1278				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1279				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1280				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1281				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1282				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1283				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1285				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1286				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1289				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1290				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1291				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1292				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1294				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1295				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1300				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1301				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1302				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1305				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1306				
Lump Sum	LS	GENERIC STRUCTURE ITEM STAIN REMOVAL AND ANTI-GRAFFITI COATING @ STR 1307				

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L191119 003

CONTRACT ID : C204360 32574.3.8

DIV OFFICE SYLVA

LENGTH = 3.801 MI

COUNTY : CLAY

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

DBE GOAL 9.0% COMPLETION DATE : MAR 13 2024

NC-69 FROM THE GEORGIA STATE LINE TO US-64 (HAYESVILLE BYPASS).

ROADWAY ITEMS					
			44	LF	24" CS PIPE CULVERTS, 0.064" THICK
			60	LF	**** X **** CS PIPE ARCH CULVERTS, ***** THICK (95" X 67", 0.109")
Lump Sum	LS	MOBILIZATION	78	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
Lump Sum	LS	CONSTRUCTION SURVEYING	44	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.688")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	42	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.844")
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	78	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
2	EA	SEALING ABANDONED WELLS	44	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")
270,400	CY	UNCLASSIFIED EXCAVATION	42	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")
6,850	CY	UNDERCUT EXCAVATION	7,971	LF	PIPE REMOVAL
6,300	CY	DRAINAGE DITCH EXCAVATION	110	TON	#57 STONE
4,400	LF	BERM DITCH CONSTRUCTION	2,300	CY	SHALLOW UNDERCUT
32,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	4,600	TON	CLASS IV SUBGRADE STABILIZATION
7,600	CY	SELECT GRANULAR MATERIAL	9,500	TON	STABILIZER AGGREGATE
14,290	SY	GEOTEXTILE FOR SOIL STABILIZATION	2,010	TON	AGGREGATE BASE COURSE
600	SF	TEMPORARY SHORING	5,100	TON	INCIDENTAL STONE BASE
3,950	SY	ROCK PLATING	740	CY	SHOULDER BORROW
600	SY	REINFORCED SOIL SLOPES	1,478	GAL	PRIME COAT
200	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	8,000	SY	INCIDENTAL MILLING
3,310	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	55,760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
10,460	SY	FOUNDATION CONDITIONING GEOTEXTILE	34,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
32	LF	12" DRAINAGE PIPE	3,760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,404	LF	15" DRAINAGE PIPE	27,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,384	LF	18" DRAINAGE PIPE	6,050	TON	ASPHALT BINDER FOR PLANT MIX
328	LF	24" DRAINAGE PIPE	1,700	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
20	EA	*** DRAINAGE PIPE ELBOWS (15")	616	CY	SUBDRAIN EXCAVATION
11	EA	*** DRAINAGE PIPE ELBOWS (18")	2,750	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
3	EA	*** DRAINAGE PIPE ELBOWS (24")	462	CY	SUBDRAIN COARSE AGGREGATE
652	LF	15" SIDE DRAIN PIPE	2,750	LF	6" PERFORATED SUBDRAIN PIPE
100	LF	18" SIDE DRAIN PIPE	6	EA	SUBDRAIN PIPE OUTLET
2,236	LF	15" RC PIPE CULVERTS, CLASS III	36	LF	6" OUTLET PIPE
2,112	LF	18" RC PIPE CULVERTS, CLASS III	33	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
296	LF	24" RC PIPE CULVERTS, CLASS III	60	CY	ENDWALLS
228	LF	30" RC PIPE CULVERTS, CLASS III	18	CY	REINFORCED ENDWALLS
548	LF	36" RC PIPE CULVERTS, CLASS III	3,694	CY	PIPE COLLARS
140	LF	42" RC PIPE CULVERTS, CLASS III	152.4	CY	FLOWABLE FILL
80	LF	48" RC PIPE CULVERTS, CLASS III	349	EA	MASONRY DRAINAGE STRUCTURES
1,280	LF	60" RC PIPE CULVERTS, CLASS III	52	CY	MASONRY DRAINAGE STRUCTURES
196	LF	***** RC PIPE CULVERTS, CLASS IV (48")	145	LF	MASONRY DRAINAGE STRUCTURES
11,856	LF	15" RC PIPE CULVERTS, CLASS IV	30	EA	FRAME WITH TWO GRATES, STD 840.16
3,972	LF	18" RC PIPE CULVERTS, CLASS IV	41	EA	FRAME WITH TWO GRATES, STD 840.24
1,480	LF	24" RC PIPE CULVERTS, CLASS IV	28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
140	LF	30" RC PIPE CULVERTS, CLASS IV	114	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
64	LF	36" RC PIPE CULVERTS, CLASS IV	119	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
68	LF	42" RC PIPE CULVERTS, CLASS IV	11	EA	FRAME WITH COVER, STD 840.54
96	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	41	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
36	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")			
24	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.138")			
40	LF	15" CS PIPE CULVERTS, 0.064" THICK			
268	LF	18" CS PIPE CULVERTS, 0.064" THICK			

			133	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			131,130	LF	PAINT PAVEMENT MARKING LINES (4")
29	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	310	LF	PAINT PAVEMENT MARKING LINES (8")
3	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL FRAME AND GRATE	339	LF	PAINT PAVEMENT MARKING LINES (24")
540	LF	***X *** CONCRETE CURB (8" X 18")	32	EA	PAINT PAVEMENT MARKING SYMBOL
7,490	LF	***.*** CONCRETE CURB & GUTTER (2'-9")	515	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
15,040	LF	1'-6" CONCRETE CURB & GUTTER	500	EA	SNOWFLOWABLE PAVEMENT MARKERS
43,990	LF	2'-6" CONCRETE CURB & GUTTER	10	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
810	SY	6" CONCRETE DRIVEWAY	820	LF	6" WATER LINE
230	SY	4" CONCRETE PAVED DITCH	482	LF	8" WATER LINE
5,200	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	18,631	LF	12" WATER LINE
3	EA	ADJUSTMENT OF DROP INLETS	25,885	LB	DUCTILE IRON WATER PIPE FITTINGS
9	EA	ADJUSTMENT OF MANHOLES	2	EA	2" VALVE
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	22	EA	6" VALVE
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	4	EA	8" VALVE
8,500	LF	STEEL BEAM GUARDRAIL	14	EA	12" VALVE
300	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	1	EA	12" TAPPING SLEEVE & VALVE
32	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')	6	EA	2" AIR RELEASE VALVE
5	EA	ADDITIONAL GUARDRAIL POSTS	3	EA	2" BLOW OFF
2	EA	GUARDRAIL END UNITS, TYPE AT-1	19	EA	*** WATER METER (5/8")
20	EA	GUARDRAIL END UNITS, TYPE CAT-1	26	EA	RELOCATE WATER METER
20	EA	GUARDRAIL END UNITS, TYPE TL-3	41	EA	RECONNECT WATER METER
7	EA	GUARDRAIL END UNITS, TYPE TL-2	12	EA	FIRE HYDRANT
10,750	LF	REMOVE EXISTING GUARDRAIL	9	EA	RELOCATE FIRE HYDRANT
500	LF	WOVEN WIRE FENCE, 47" FABRIC	228	LF	FIRE HYDRANT LEG
30	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	212	LF	*** WATER SERVICE LINE (2")
30	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	5,544	LF	WATER SERVICE LINE
2,600	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (47")	14,599	LF	8" SANITARY GRAVITY SEWER
600	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 60" FABRIC	4,201	LF	4" FORCE MAIN SEWER
200	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL	5	EA	SANITARY SEWER CLEAN-OUT
50	EA	GENERIC FENCING ITEM BLACK METAL LINE POST, 60" CHAIN LINK FENCE, VINYL COATED	737	LF	SEWER SERVICE LINE
7	EA	GENERIC FENCING ITEM BLACK METAL TERMINAL POST, 60" CHAIN LINK FENCE, VINYL COATED	1,445	LB	DUCTILE IRON SEWER PIPE FITTINGS
2,200	TON	RIP RAP, CLASS I	63	EA	4' DIA UTILITY MANHOLE
750	TON	RIP RAP, CLASS II	6	EA	5' DIA UTILITY MANHOLE
20	TON	RIP RAP, CLASS A	340.3	LF	UTILITY MANHOLE WALL 4' DIA
1,250	TON	RIP RAP, CLASS B	51.3	LF	UTILITY MANHOLE WALL 5' DIA
175	TON	BOULDERS	4,215	LF	ABANDON *** UTILITY PIPE (4")
13,800	SY	GEOTEXTILE FOR DRAINAGE	781	LF	ABANDON 6" UTILITY PIPE
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	14,722	LF	ABANDON 8" UTILITY PIPE
293	LB	SUPPORTS, BREAKAWAY STEEL BEAM	18,639	LF	ABANDON 12" UTILITY PIPE
2,073	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	21	EA	REMOVE WATER METER
9	EA	SIGN ERECTION, TYPE D	14	EA	REMOVE FIRE HYDRANT
104	EA	SIGN ERECTION, TYPE E	60	EA	ABANDON UTILITY MANHOLE
26	EA	SIGN ERECTION, TYPE F	4	EA	REMOVE UTILITY MANHOLE
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	170	LF	*** ENCASEMENT PIPE (14")
36	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	160	LF	12" ENCASEMENT PIPE
1,135	SF	WORK ZONE SIGNS (STATIONARY)	1,166	LF	18" ENCASEMENT PIPE
277	SF	WORK ZONE SIGNS (PORTABLE)	1,081	LF	20" ENCASEMENT PIPE
12	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	100	LF	24" ENCASEMENT PIPE
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	75	LF	BORE AND JACK OF *** (12")
575	EA	DRUMS	170	LF	BORE AND JACK OF *** (14")
180	LF	BARRICADES (TYPE III)	1,129	LF	BORE AND JACK OF *** (18")
70	DAY	FLAGGER	815	LF	BORE AND JACK OF *** (20")
215	LF	PORTABLE CONCRETE BARRIER	52,120	LF	TEMPORARY SILT FENCE
32	HR	LAW ENFORCEMENT	3,775	TON	STONE FOR EROSION CONTROL, CLASS A
599	EA	TEMPORARY RAISED PAVEMENT MARKERS	12,280	TON	STONE FOR EROSION CONTROL, CLASS B
71,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	8,435	TON	SEDIMENT CONTROL STONE
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	189.5	ACR	TEMPORARY MULCHING
7,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	7,300	LB	SEED FOR TEMPORARY SEEDING
			37	TON	FERTILIZER FOR TEMPORARY SEEDING
			5,435	LF	TEMPORARY SLOPE DRAINS
			200	LF	SAFETY FENCE
			29,610	CY	SILT EXCAVATION
			363,500	SY	MATTING FOR EROSION CONTROL
			4,300	SY	COIR FIBER MAT
			21,295	LF	1/4" HARDWARE CLOTH
			225	LF	*** TEMPORARY PIPE (48")
			206	CY	STILLING BASINS
			4	EA	SPECIAL STILLING BASINS
			6,600	LF	COIR FIBER WATTLE

6,965	LB	POLYACRYLAMIDE (PAM)	70,471	LB	REINFORCING STEEL (CULVERT)
1,850	LF	COIR FIBER BAFFLE			
9	EA	*** SKIMMER (1-1/2")			
2	EA	*** SKIMMER (2")			
1	EA	*** SKIMMER (2-1/2")			
105	ACR	SEEDING & MULCHING	1,060	SF	MSE RETAINING WALL NO **** (1)
120	ACR	MOWING	5,740	SF	MSE RETAINING WALL NO **** (2)
1,950	LB	SEED FOR REPAIR SEEDING	2,690	SF	ANCHORED RETAINING WALLS
5.25	TON	FERTILIZER FOR REPAIR SEEDING			
2,550	LB	SEED FOR SUPPLEMENTAL SEEDING			
76.25	TON	FERTILIZER TOPDRESSING			
885	LF	IMPERVIOUS DIKE			
10	MHR	SPECIALIZED HAND MOWING			
150	EA	RESPONSE FOR EROSION CONTROL			
28	EA	CONCRETE WASHOUT STRUCTURE			
194	CY	CULVERT DIVERSION CHANNEL			
1	ACR	STREAMBANK REFORESTATION			
317	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
951	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			
18	EA	GENERIC EROSION CONTROL ITEM LOGS			
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING			
Lump Sum	LS	GENERIC EROSION CONTROL ITEM SITE GRADING FOR MITIGATION			
Lump Sum	LS	GENERIC EROSION CONTROL ITEM SURVEYING FOR MITIGATION			
5	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL			
90	TON	GENERIC EROSION CONTROL ITEM CHANNEL SUBSTRATE MATERIAL			
18	TON	GENERIC EROSION CONTROL ITEM NATURAL SAND			
361	CY	TOPSOIL			
1,550	LF	SIGNAL CABLE			
10	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
685	LF	MESSENGER CABLE (3/8")			
470	LF	UNPAVED TRENCHING (***** (2, 2")			
100	LF	DIRECTIONAL DRILL (***** (1, 2")			
11	EA	JUNCTION BOX (STANDARD SIZE)			
3	EA	WOOD POLE			
8	EA	GUY ASSEMBLY			
1,800	LF	INDUCTIVE LOOP SAWCUT			
4,400	LF	LEAD-IN CABLE (***** (14-2)			
2	EA	SIGN FOR SIGNALS			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
13	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			
3	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM-MULTIPLE ZONES			

### WALL ITEMS

### CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (179+58.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (95+07.14-L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (179+58.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (186+81.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (95+07.14-L-)
537	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
656.2	CY	CLASS A CONCRETE (CULVERT)



